

| | | | | |
|---|----------------------|--------------------------------|------------|--|
| INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99) | Application Number | | 10518956 | |
| | Filing Date | | 2005-06-10 | |
| | First Named Inventor | Alicia Jennifer Hafeeza EL-HAJ | | |
| | Art Unit | 1647 | | |
| | Examiner Name | Ian D. Dang | | |
| Attorney Docket Number | | 16100.1008 | | |

| U.S. PATENTS | | | | | | Remove |
|-------------------|---------|---------------|------------------------|------------|---|--|
| Examiner Initial* | Cite No | Patent Number | Kind Code ¹ | Issue Date | Name of Patentee or Applicant of cited Document | Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear |
| | 1 | | | | | |

If you wish to add additional U.S. Patent citation information please click the Add button.

Add

| U.S. PATENT APPLICATION PUBLICATIONS | | | | | | Remove |
|--------------------------------------|---------|--------------------|------------------------|------------------|---|--|
| Examiner Initial* | Cite No | Publication Number | Kind Code ¹ | Publication Date | Name of Patentee or Applicant of cited Document | Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear |
| | 1 | | | | | |

If you wish to add additional U.S. Published Application citation information please click the Add button.

Add

| FOREIGN PATENT DOCUMENTS | | | | | | | Remove | |
|--------------------------|---------|--------------------------------------|-----------------------------|------------------------|------------------|---|--|--------------------------|
| Examiner Initial* | Cite No | Foreign Document Number ³ | Country Code ² j | Kind Code ⁴ | Publication Date | Name of Patentee or Applicant of cited Document | Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear | T ⁵ |
| | 1 | | | | | | | <input type="checkbox"/> |

If you wish to add additional Foreign Patent Document citation information please click the Add button.

Add

| NON-PATENT LITERATURE DOCUMENTS | | | Remove |
|---------------------------------|---------|---|----------------|
| Examiner Initials* | Cite No | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, pages(s), volume-issue number(s), publisher, city and/or country where published. | T ⁵ |
| | | | |

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(Not for submission under 37 CFR 1.99)

| | |
|------------------------|--------------------------------|
| Application Number | 10518956 |
| Filing Date | 2005-06-10 |
| First Named Inventor | Alicia Jennifer Hafeeza EL-HAJ |
| Art Unit | 1647 |
| Examiner Name | Ian D. Dang |
| Attorney Docket Number | 16100.1008 |

| | | |
|---|--|--------------------------|
| 1 | HUGHES, STEVEN, et al. "Magnetic targeting of mechanosensors in bone cells for tissue engineering applications." Journal of Biomechanics, Vol. 40 (2007) pp S96-S104 | <input type="checkbox"/> |
| 2 | CARTMELL, SARAH H., et al. "Development of Magnetic Particle Techniques for Long-Term Culture of Bone Cells with Intermittent Mechanical Activation." IEEE Transactions on Nanobioscience, Vol. 1 No. 2 (2002) pp 92-97 | <input type="checkbox"/> |
| 3 | DOBSON, JON, et al. "Principles and Design of a Novel Magnetic Force Mechanical Conditioning Bioreactor for Tissue Engineering, Stem Cell Conditioning, and Dynamic In Vitro Screening." IEEE Transactions on Nanobioscience, Vol. 5 No. 3 (2006) pp 173-177 | <input type="checkbox"/> |
| 4 | HUGHES, STEVEN, et al. "Expression of the Mechanosensitive 2PK+ Channel TREK-1 in Human Osteoblasts." Journal of Cellular Physiology, Vol. 206 pp 738-748 (2006) | <input type="checkbox"/> |
| 5 | HUGHES, STEVEN, et al. "Selective activation of mechanosensitive ion channels using magnetic particles." J.R. Society Interface, Vol. 5 pp 855-863 (2008) | <input type="checkbox"/> |
| 6 | WOLBANK, S., et al. "In vivo tracking of stem cells using magnetic tagging in a nude mouse model" Journal of Biomechanics, Vol. 39 pp S447 (2006) | <input type="checkbox"/> |
| 7 | EL HAJ, A.J., et al. "Magnetic nanoparticle-based tagging of mechanosensors for bone tissue engineering." Journal of Biomechanics, Vol. 39 pp S214 (2006) | <input type="checkbox"/> |

If you wish to add additional non-patent literature document citation information please click the Add button

EXAMINER SIGNATURE

| | |
|--------------------|-----------------|
| Examiner Signature | Date Considered |
|--------------------|-----------------|

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through a citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ See Kind Codes of USPTO Patent Documents at www.USPTO.GOV or MPEP 901.04. ² Enter office that issued the document, by the two-letter code (WIPO Standard ST.3). ³ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁴ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁵ Applicant is to place a check mark here if English language translation is attached.